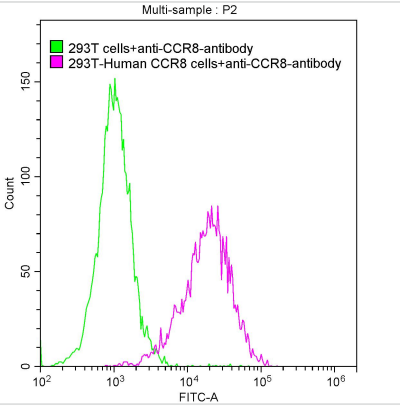
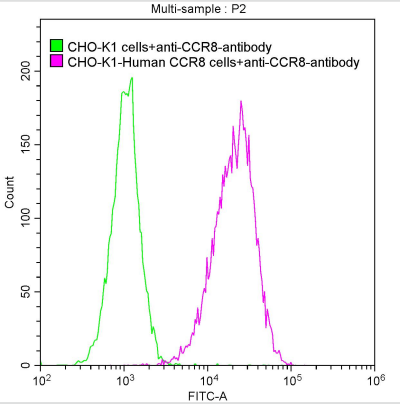
CCR8 Recombinant Monoclonal Antibody

Product Code	CSB-RA004847MA4HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P51685
Immunogen	Recombinant Human CCR8 protein
Species Reactivity	Human
Tested Applications	FC
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	Affinity-chromatography
Isotype	hIgG1?lambda 2
Clonality	Monoclonal
Product Type	Recombinant Antibody
Immunogen Species	Homo sapiens (Human)
Research Area	Immunology
Gene Names	CCR8
Clone No.	10A9

Image



Untransfected HEK293T cells surface(green line) and transfected Human CCR8 HEK293T stable cells surface (red line) were stained with anti-CCR8 recombinant antibody (2μg/1*10^6cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.



Untransfected CHO-K1 cells surface (green line) and transfected Human CCR8 CHO-K1 stable cells surface (red line) were stained with anti-CCR8 recombinant antibody (2μg/1*10^6cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.

Description

CUSABIO meticulously generated the CCR8 recombinant monoclonal antibody through a systematic procedure. Initially, B cells were extracted from the immunized animal's spleen, employing the recombinant human CCR8 protein as the immunogen during the immunization process. Subsequently, RNA isolation from the B cells was followed by cDNA synthesis through reverse transcription. By utilizing the cDNA as a template, the gene encoding the CCR8 antibody was extended using a degenerate primer and inserted into a recombinant vector. The recombinant vector was then introduced into host cells via transfection, facilitating the expression of the CCR8 recombinant monoclonal antibodies. These antibodies were harvested from the cell culture supernatant and subjected to purification using affinity chromatography. Rigorous validation testing FC was conducted to verify this antibody's reactivity with human CCR8 protein, ensuring its specificity and reliability.